

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended): A method for producing a catalyst containing comprising at least molybdenum, bismuth and iron for use in producing an unsaturated aldehyde and an unsaturated carboxylic acid through gas-phase catalytic oxidation of propylene, isobutylene, tertiary butyl alcohol or methyl tertiary butyl ether with molecular oxygen, comprising the steps of:

kneading particles containing comprising catalyst components, an organic binder and a liquid to form a kneaded mixture; and

extrusion molding the resultant kneaded mixture,

wherein the organic binder contains comprises at least a high-viscosity organic binder having a viscosity (~~of its 1% water solution or dispersion at 20°C~~) of from 5,000 mPa·s to 25,000 mPa·s and a low-viscosity organic binder having a viscosity (~~of its 1% water solution or dispersion at 20°C~~) of [[]] from 10 mPa·s to less than 5,000 mPa·s, wherein viscosity is measured with a 1% by mass water solution or dispersion of the binder at 20°C.

2. (Currently Amended): The method for producing the catalyst according to claim 1, wherein a rate of adding the liquid to be is added [[is]] at the time of kneading at a rate of 0.2 parts part by mass / min ~~or less~~ per 1 part by mass of the particles containing or less comprising the catalyst components.

3. (Currently Amended): The method for producing the catalyst according to claim 1, wherein [[a]] the temperature of the liquid to be added is 20°C or less.

4. (Withdrawn): A catalyst for use in producing an unsaturated aldehyde and an unsaturated carboxylic acid produced by the method for producing the catalyst according to any one of claims 1 to 3.

5. (Withdrawn): A method for producing an unsaturated aldehyde and an unsaturated carboxylic acid by using the catalyst according to claim 4 through gas-phase catalytic oxidation

of propylene, isobutylene, tertiary butyl alcohol or methyl tertiary butyl ether with molecular oxygen.